

**NEWARK FIRE DEPARTMENT  
1994**

**ONE-HUNDRED NINTH  
ANNUAL REPORT**



**City of Newark  
SHARPE JAMES, Mayor**

**Municipal Council  
DONALD BRADLEY, Council President  
Council Member, South Ward**

**GEORGE BRANCH, Council Member, Central Ward  
ANTHONY CARRINO, Council Member, North Ward  
MILDRED CRUMP, Council Member-at-Large  
GARY HARRIS, Council Member-at-Large  
HENRY MARTINEZ, Council Member, East Ward  
LUIS QUINTANA, Council Member-at-Large  
RONALD L. RICE, Council Member, West Ward  
DONALD TUCKER, Council Member-at-Large**

**GLENN GRANT  
Business Administrator**

**STANLEY J. KOSSUP  
Fire Director/Fire Chief**

**NEWARK, NEW JERSEY**

F I R E   D E P A R T M E N T   A N N U A L   R E P O R T  
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<u>TABLE OF CONTENTS</u>	<u>PAGE</u>
Fire Director's / Fire Chief's	1-2
Table of Organization	3
Chief Officers	4
Sub-Divisions of the Fire Department	5
Vital Statistics	6-8
Company Statistics	9-10
Fire Prevention and Life Safety Division	11-33
Division of Investigation (Arson Squad)	34-38
Fire Signal System Division	39-41
Special Service And Supply Division	42-48
Training Division	49-50
Planning and Research Division	51-55
Community Relations Division	56-58
Photography Division	59
Catholic Chaplain	60
Bell and Siren Club	61
Office Of Emergency Management	62-65

SHARPE JAMES  
MAYOR

## NEWARK

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### FIRE DEPARTMENT

1010 Eighteenth Avenue  
Newark, New Jersey 07106  
201/733-7424

Stanley J. Kossup  
Director/Fire Chief

March 15, 1995

The Honorable Sharpe James  
Mayor, City of Newark  
City Hall - Room 200  
920 Broad Street  
Newark, New-Jersey 07102

Dear Mayor James:

As Director/Fire Chief of the Newark Fire Department, I am pleased and proud to submit, for your attention and approval, the Newark Fire Department's Annual Report outlining activities for the year 1994.

We, in the Fire Department, again affirm that the primary goal of the Fire Department has always been and will continue to be the prevention of fire, and when a fire occurs, to quickly control it, keeping the loss of life and property to a minimum. We remain committed to provide protection for the Citizens of the City of Newark.

Unfortunately, there were eight (8) lives lost due to fires during 1994. Only a "zero" figure will be acceptable to the Fire Department, be assured that The Fire Department will utilize all of its resources to achieve that goal.

This Department will continue to increase its efforts in all areas of Fire Prevention and Code Enforcement, as well as, Firefighting. In 1995, special attention will be paid to In-service building, inspections by Firefighting companies; as well as fire safety education programs presented in schools, to civic organizations and business groups by our Community Relations Division. Efforts in these areas have contributed to reducing the number, and severity of fire incidents and major fires.

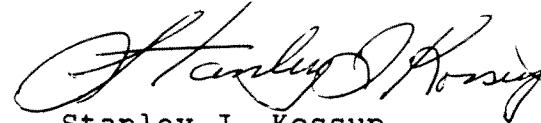
March 15, 1995

The Honorable Sharpe James  
Mayor, City of Newark

Fire Department - Annual Report 1994

All Members of the Fire Department, both uniformed and civilian, wish to express their sincere gratitude and thanks to you ; the Business Administrator, the Members of your Staffs, to all Department Directors, and Members of the Municipal Council, for their fine and wholehearted cooperation and assistance, which was rendered whenever needed or requested.

Respectfully,

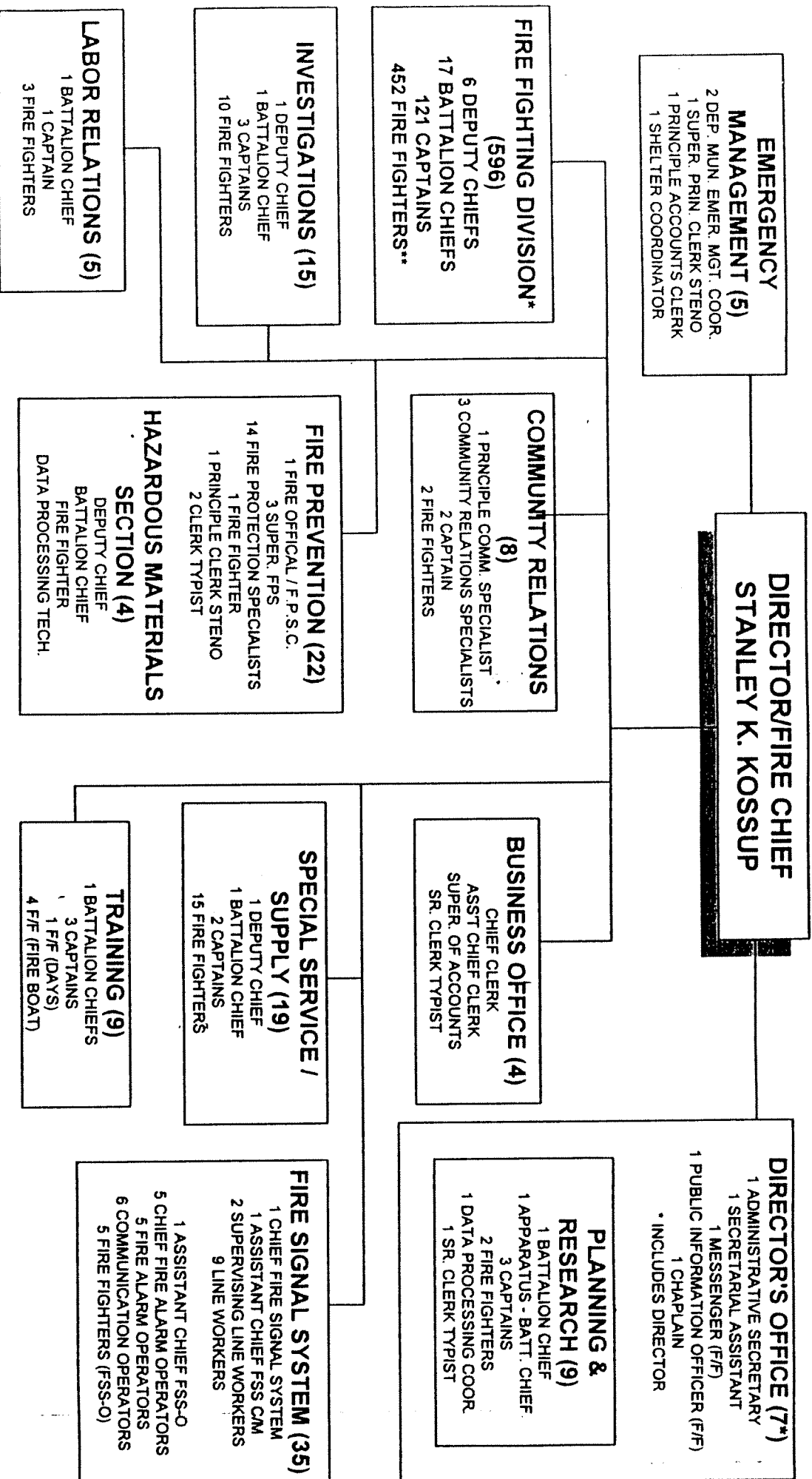
A handwritten signature in cursive script, appearing to read "Stanley J. Kossup".

Stanley J. Kossup  
Director/Fire Chief

SJK:dg

# NEWARK FIRE DEPARTMENT

## 1995 TABLE OF ORGANIZATION -EMPLOYEES 740



ANNUAL REPORT - 1994

F I R E   D E P A R T M E N T   -   C I T Y   O F   N E W A R K

Glenn Grant  
Business Administrator

Hon. Sharpe James  
Mayor

Kenneth J. Blaha, Chief Clerk  
Deidre Gully, Administrative Secretary

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Stanley J. Kossup, Fire Director / Fire Chief

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DEPUTY FIRE CHIEFS

1st Deputy Division

Edward J. Chrystal  
James P. Finucan  
Edward R. Dunn  
Richard L. Bitter

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BATTALION FIRE CHIEFS

1st Battalion Dist.

Edward S. Rydzewski  
Robert P. Gaynor  
Richard B. Meeker  
Lowell F. Jones

3rd Battalion Dist.

Kenneth Marcell  
Walter Brownlee  
Thomas Saccone  
James H. Cody

4th Battalion Dist.

Robert Carter  
Michael Lalor  
James M. Smith  
John S. Higginson

5th Battalion Dist.

Bernard C. Snyder  
Robert J. Smith  
Harry Carter  
Leonard Gino

Roving

Michael Lawless  
Patrick Tansey  
William Weber

SUB-DIVISIONS OF THE FIRE DEPARTMENT

Division of Fire Prevention and Life Safety

Vincent H. Ladd, Supvg. Fire Protection Specialist, U.F.D.  
Anthony Peters, Supvg. Fire Protection Specialist, U.F.D.

Division of Investigation

James V. Raymond, Deputy Chief  
George Daudelin, Captain  
Lenzy Petford, Captain  
William R. Harris, Captain

Fire Signal System

Walter J. Maszczak, Chief, Fire Signal System Maintenance and  
Construction  
Henry Przybylowicz, Assistant Chief Fire Signal System  
Operation

Special Services and Supply

James Clarke, Captain  
Michael Lawless, Battalion Chief

Fire Training Center

James Langenbach, Captain  
Eli Savarese, Captain

Hazardous Materials Division

Michael Daly, Firefighter

Planning and Research Division

John Degnan, Captain  
Vincent P. Kuhn, Captain

Photography Division

Lawrence Krieger, Public Relations & Fire Department Spokesman

Community Relations Division

James Langenbach, Captain

Office of Emergency Management

Robert Swales, Deputy Director

Chaplain

Rev. Msgr. Horton J. Raught, Catholic

F I R E   D E P A R T M E N T  
VITAL STATISTICS   1994

APPOINTMENTS

<u>DATE</u>	<u>NAME</u>	<u>RANK</u>
April 18, 1994	Safiyyah Adams	Clerk Typist
" " "	Evelyn Fonseca	"
May 1, 1994	Claristene Braxton	Communication Operator
May 12, 1994	Robert Griffith	Communication Operator
August 2, 1994	Michael White	Communication Operator
August 8, 1994	Michael Smith	Communication Operator
August 29, 1994	David Cuccolo	Firefighter
" " "	Raymond Hatton	"
" " "	Frank Cerami	"
" " "	Nyggel Brown	"
" " "	Anthony Duca	"
" " "	Elbin Garnier	"
" " "	Fred Thompson	"
" " "	Juan Ramos	"
" " "	Steve Ostertag	"
" " "	Scott Richardson	"
" " "	Jeffrey Dixon	"
" " "	Carmen Maya	"
September 26, 1994	Arnie Pinnix	Communication Operator
September 29, 1994	Linda Kossup	Communication Operator
" " "	Thomas Harris	"
December 19, 1994	Robert Kennedy	Communication Operator

PROMOTIONS

August 29, 1994	William Weber	Battalion Chief
" " "	Michael Lalor	"
" " "	Patrick Tansey	"
" " "	Robert Carter	"
" " "	Glen Crane	Chief Fire Alarm Operator



TERMINATIONS & RESIGNATIONS

<u>DATE</u>	<u>NAME</u>	<u>RANK</u>
February 17, 1994	Christopher Delli Santi	Firefighter
March 14, 1994	George Stevenson	Firefighter
November 18, 1994	Thomas Harris	Communication Operator

DEATHS

August 28, 1994	Theodore Holod	Firefighter
September 23, 1994	Francis McCrone	Captain
October 29, 1994	Michael De Lane (LOD)	Firefighter
October 29, 1994	Philip Callahan	Firefighter
November 3, 1994	Winfred White	Firefighter

RETIREMENTS

January 1, 1994	Vincent Mulvaney	Firefighter
" " "	James Donlon	Captain
February 1, 1994	Richard Carhart	Firefighter
" " "	John Plis	"
March 1, 1994	William Burkhardt	Captain
April 1, 1994	Robert Griffith	Chief Fire Alarm Operator
" " "	Dennis Christy	Firefighter
May 1, 1994	Valentine Pures	Firefighter
" " "	Robert De Froscia	Firefighter
" " "	Don Richard Janusz	Firefighter
June 1, 1994	Gerald Highsmith	Firefighter
July 1, 1994	John Missaggia	Firefighter
" " "	Stanley Goglia	"
" " "	John Spada	"
" " "	Henry Albanowicz	"
" " "	Dennis Robbins	Captain
" " "	John Benderoth	"
" " "	Leonard Mendola	Battalion Chief
August 1, 1994	Harold Peare	Chief Fire Alarm Operator
" " "	James Tremmel	Firefighter
" " "	Richaед Pentimone	Firefighter
September 1, 1994	Michael Ragan	Firefighter
" " "	Robert Fraser	Captain
November 1, 1994	Frederick Wendell	Firefighter
" " "	Michael Kossup	Lineworker

# RETIREMENT

<u>DATE</u>	<u>NAME</u>	<u>RANK</u>
December 1, 1994	John Kraemer	Captain
" " "	Joseph Lefchak	Fire Prevention Specialist
" " "	Paul Adams	Firefighter
" " "	John Duffy	"
December 31, 1994	Kevin O'Grady	Firefighter
" " "	Frank Janusz	"
" " "	Willie Curry	"
" " "	Eugene Carragher	"
" " "	Dennis Florie	"
" " "	Marvin Jefferson	"
" " "	Thomas Mertz	"
" " "	William Nolen	"
" " "	Alexander Pawelczyk	"
" " "	Howard Peele	"
" " "	Robert Radecke	"
" " "	Allan Crump	Lineworker
" " "	Lawrence Kelly	"
" " "	Richard Tiffany	Captain
" " "	John Delk	"
" " "	John Dolak	"
" " "	Richard Freeman	"
" " "	Frank Mastroeni	"
" " "	William Mc Carthy	"
" " "	James Stewart	"
" " "	Gerald Zaccardi	"
" " "	Anthony Apostolico	Battalion Chief
" " "	Robert Fitzpatrick	"
" " "	Kenneth Miller	"
" " "	James Richardson	"
" " "	Robert Buccine	Deputy Chief
" " "	William Carragher	"
" " "	John Griggs	"
" " "	Robert Miller	"
" " "	Joseph Pierce	"
" " "	John Tartis	"
" " "	Richard Bogle	Fire Alarm Operator
" " "	Wayne Pugh	Fire Official
" " "	Charles Bishop	Supv. Fire Prevention Spec.
" " "	Joseph Cosby	Fire Prevention Specialist
" " "	Jaime Sanchez	"

# NEWARK FIRE DEPARTMENT 'FINAL QUARTERLY PERFORMANCE REPORT 1994

## ENGINE COMPANY STATISTICS, 1994 FINAL

ENGINE COMPANY	BATTALION	TOTAL ALARMS ANSWERED	TOTAL ALARMS WORKED	HOURS ENGINE DUTY	HOSE USED IN FEET	HYDRANTS INSPECTED	DRILLS & DEMOS	HOURS OUT OF QUARTERS	BUILDINGS INSPECTED
ENGINE CO. 5	5	1431	583	143.5	32950	356	217	973	170
ENGINE CO. 6	1	2775	767	191	82200	516	171	3316	254
ENGINE CO. 7	1	2911	1126	222	70510	384	315	1411.5	239
ENGINE CO. 8	5	1244	457	142.5	27225	269	321	827	271
ENGINE CO. 9	3	2294	1109	223	58150	348	222	955	294
ENGINE CO. 10	4	1917	799	160.5	42050	280	344	800	302
ENGINE CO. 11	1	2310	673	117.5	31850	235	88	2676	116
ENGINE CO. 12	4	1392	326	86	22450	152	176	2243	130
ENGINE CO. 13	3	873	368	178.5	53250	682	247	1219	175
ENGINE CO. 14	5	1648	516	123	34190	170	52	591	197
ENGINE CO. 15	3	1629	334	172	51800	550	385	1637	348
ENGINE CO. 16	5	708	257	80	23800	310	468	1451	515
ENGINE CO. 17	4	2295	753	175	46550	296	378	783	305
ENGINE CO. 18	4	2384	869	136	108200	157	432	2540	280
ENGINE CO. 19	5	986	367	115	16350	625	290	570	275
ENGINE CO. 21	1	1216	319	100	39500	531	274	2513	286
ENGINE CO. 26	1	1303	441	82	16300	280	389	2568	328
ENGINE CO. 27	5	1154	267	101	22150	247	355	2346	155
ENGINE CO. 28	3	1016	275	114	27450	160	290	428	240
ENGINE CO. 29	4	1350	377	51	12600	470	200	12605	664
TOTALS		32836	10983	2713.5	819525	7018	5614	42452.5	5544
ENGINE CO. AVERAGE		1641.8	549.15	135.675	40976.25	350.9	280.7	2122.625	277.2
RESCUE 1		2414	1112	0	0	0	807	1164	12
FIRE BOAT		0	0	0	0	0	0	0	0

NOTE: FIRE BOAT OUT OF SERVICE FOR ALL OF 1994 FOR REPAIRS.

# BUCK COMPANY STATISTICS, 1994 FINAL

BUCK COMPANY	BATTALION	TOTAL ALARMS ANSWERED	TOTAL ALARMS WORKED	LADDERS USED IN FEET	HYDRANTS INSPECTED	DRILLS & DEMOS	HOURS OUT OF QUARTERS	BUILDINGS INSPECTED	
BUCK CO. 1	3	2082	817	0	8756	0	303	1234	14
BUCK CO. 4	5	1005	137	0	1931	355	373	976	117
BUCK CO. 5	4	2069	933	0	10591	480	334	835.5	890
BUCK CO. 6	3	917	229	0	5327	160	232	1499	148
BUCK CO. 7	3	1557	373	0	5139	378	379	2332	180
BUCK CO. 8	5	818	129	0	2866	184	346	3629.5	281
BUCK CO. 9	4	1632	343	0	4523	264	159	2513	168
BUCK CO. 10	4	1185	204	0	3162	244	231	351.5	317
BUCK CO. 11	1	2405	592	0	10508	405	400	864.5	361
BUCK CO. 12	1	1131	203	0	5754	160	354	394	120
TOTALS		14801	3960	0	58557	2630	3111	14629	2596
BUCK CO. AVERAGE		1480.1	396	0	5855.7	263	311.1	1462.9	259.6

## CHIEFS STATISTICS, 1994 FINAL

	TOTAL ALARMS ANSWERED	TOTAL ALARMS WORKED	HOURS OUT OF QUARTERS	DISTRICT INSPECTIONS
BATTALION 1	2867	749	954	252
BATTALION 3	2203	907	605	223
BATTALION 4	3163	1023	807	193
BATTALION 5	2080	527	772	130
DEPUTY 1	1213	729	494	147
DEPUTY 2	616	205	422	394
TOTALS	12142	4140	4054	1339

NOTE: DEPUTY CHIEF 2 PUT OUT OF SERVICE DEC. 1994, STATISTICS FOR 3 QUARTERS ONLY

DIVISION OF FIRE PREVENTION AND LIFE SAFETY  
ANNUAL REPORT  
1994  
Submitted By  
Anthony F. Peters Jr. , Acting Fire Official

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OVERVIEW

The City is continuing to improve in many areas. During 1994 there were many new housing units completed in the City. The demolition of several of the Columbus Homes buildings has paved the way for more moderate and low income housing. The completion of the demolishtion project is scheduled for early 1995. The construction of the Performing Arts Center is moving along well. The Archdioese of Newark is also constructing a new center and revitilizing a structure in the downtown area.

FIRE CODE

The Uniform Fire Code remained unchanged in 1994. The State of New Jersey has put the Local Enforcing Agencies on notice that there may be a major change in the Code in 1995. Any extensive changes in the Code will require the members of the Division to update their training to enable them to enforce the code properly.

If there are no major revisions to the code our personnel will still be required to update their knowledge and certifications. Toward this end our members have collectively attended over thirty update seminars during the year.

PUBLIC EDUCATION

One of the greatest challenges placed before the Division is to educate our young people in the ways to keep them and their families safe from the effects of fire.

One of the major problems the Division and the Newark Board of Education is facing is the growing number of false alarms in our schools. This year's report will show a total of 1038 false fire alarms in the schools. These alarms are dangerous. Not only for the students who must evacuate the schools, they are dangerous to the firefighters who must respond.

The Division has worked this year an is continuing to work with other City agencies and private businesses in fire safety education. In conjunction with these agencies and businesses the

Division has helped develop evacuation plans, train employees and monitor evacuation drills.

### VACANT BUILDINGS

During 1994 the Division, as all City agencies, were involved in a massive citywide inspection. The Division's part of the inspection concentrated on vacant buildings. The vacant structures were prioritized as they inspected in an attempt to insure the structures in the poorest condition are dealt with first.

### SMOKE DETECTORS

"Get Out and Stay Out" was the theme for 1993's Fire Prevention Program. This slogan along with others such as "Smoke Detectors Save Lives", "Don't Stay Home Without One", "Test Your Detector", "Its Sound Advice", were used to remind the public of the significance of having an operating smoke detector in our home.

Though there were some fire casualties in the year 1993, our persistent enforcement of the smoke detector laws and ordinance has caused a overwhelming decrease of the fire casualties in the City of Newark.

The value of smoke detectors can not be underestimated. In 1993 as in previous years there were no fire deaths in dwellings properly equipped with operating smoke detectors.

### CONSTRUCTION PLAN REVIEW

The review of plans for construction and alterations is ongoing. In 1994 complex projects such as the Performing Arts Center highlighted the efforts. As more and more construction occurs in the City, the work load increases for the members charged with review of plans for alterations and new construction. Not only are they do they perform plan review but also onsite inspections of the completed projects.

### FIRE STATISTICS/RECORDS

The Fire Records section of the Division of Fire Prevention and Life Safety has finally received several computers. These units are connected to Fire Headquarter's Local Area Computer Network. Unfortunately this "LAN" is not yet "online" and the computers must be used as "stand alones" until the network is up and running.

With the computers the Division received we were able to set up several files to enable us to track violations, penalties and court cases. Along with these inspections records, the Division will also be able to better track fire incident reports and creat meaningful fire statistics.

## PERMITS & CERTIFICATES

The Division of Fire Prevention & Life Safety issues many types of permits and certificates. These permits and certificates are broken down into several categories which are described below.

Combustible permits are issued for drug and chemical establishments, storage of ordinary combustibles, parking stations, mobile cooking units, carnivals, junkyards, just to name a few.

Life Hazard Certificates are issued after successful inspections to those occupancies which are deemed "life hazards" under the Uniform Fire Safety Code of the State of New Jersey. The State currently lists about 2650 "life hazards". These occupancies include taverns, restaurants, dance halls and clubs.

A Certificate of Fire Code Status is issued when any building, except a one or two family dwelling, is sold or transferred.

A Certificate of Smoke Detector Compliance is issued for every one or two family dwelling which is sold or transferred.

# DIVISION OF FIRE PREVENTION AND LIFE SAFETY

TOTAL INCIDENTS.....	18,432
FIRE INCIDENT RESPONSE.....	4,421
OTHER RESPONSE.....	6,364
MISC. SIG. 5'S NOT RECORDED.....	7,647
STRUCTURAL FIRES.....	1,129
Occupied buildings.....	951
Vacant buildings.....	178
NON-STRUCTURAL FIRES.....	3,292
Dumpsters.....	622
Automobiles (cars).....	1,335
Trucks/Buses/freight.....	22
Brush/Rubbish.....	1,294
Other.....	19
NON-HOSTILE FIRES.....	4,023
G/Cooking.....	1,192
Incinerator/Compactor.....	1,009
Arcing/Short Circuit.....	987
Other.....	835
MALICIOUS FALSE ALARMS.....	6,985
ALL OTHER RESPONSES.....	6,447
FIRE RELATED DEATHS.....	8
Civilians.....	7
Firefighters.....	1
MULTIPLE ALARM FIRES.....	59
2nd Alarms.....	46
3rd Alarms.....	13
4th Alarms.....	0
SIGNAL 11 FIRES.....	238
Occupied Building.....	181
Vacant Buildings.....	44
Non-Building.....	5
Non-fire Response.....	7
MUTUAL AID TO ASSIST NEWARK.....	0
OUT OF CITY RESPONSES.....	0



TOTAL BUILDING INSPECTIONS.....	20,373
By Fire Inspectors.....	7,594
In-Service Inspections.....	12,779
FIRE CODE VIOLATIONS PROCESSED.....	4,212
Bureau Inspectors.....	2,254
Telephone/Letters.....	964
Other Departments.....	411
In-service CO.'s .....	583
SPECIAL BUREAU DETAILS.....	128
Public Functions - (Man Hours)	
FIRE INCIDENT REPORTS PROCESSED.....	557
FIRE PREVENTION LITERATURE DISTRIBUTED.....	4,600
VACANT BUILDING INSPECTIONS.....	2,650
SMOKE DETECTOR PLANS PROCESSED.....	534
SMOKE DETECTOR INSPECTIONS.....	411
FIRE INVESTIGATIONS.....	215
PHOTOGRAPHS TAKEN (Hazardous Structures).....	136
CERTIFICATES OF OCCUPANCY INSPECTIONS.....	623
PLANS EXAMINED.....	624
LETTERS SENT.....	2,894
Regular Mail.....	1,565
Registered Mail.....	1,329
COURT CASES INSTITUTED.....	46
Violations of the Fire Code	
COURT CASES INITIATED.....	163
Postponed.....	135
Dismissed.....	14
Bench Warrant.....	14
Docketed Judgement.....	11
Superior Court.....	5
Appeals.....	6
COURT TIME - (man Hours).....	202

FINES COLLECTED - (Pre - cases).....	0
DOCKETED FINES.....	0
BUILDINGS REGISTERED - (Life Hazard Use).....	2,565
REBATE FROM D.C.S., BUREAU OF LIFE SAFETY.....	\$381,572
PERMITS ISSUED.....	860
PERMIT FEES COLLECTED.....	\$52,237
FIRE INCIDENT REPORT FEES.....	\$5,570
TOTAL FEES COLLECTED.... \$426,579	
SEMINAR/CONTINUING EDUCATION - (Man Hours).....	260
OFFICE LECTURES/ DEMONSTRATIONS - (Man Hours).....	220

N.H.A. HIGHRISE BUILDING REPORT

	<u>ACTUAL</u>	<u>INCINERATOR/</u>	<u>FALSE</u>	<u>TOTAL</u>	
	<u>FIRES</u>	<u>COMPACTOR</u>	<u>ALARMS</u>	<u>OTHER RESPONSE</u>	
Baxter Apartments	2	0	0	1	4
Baxter Elderly	0	0	0	0	0
Bradley Court	2	0	0	0	2
Columbus Homes	0	0	0	1	1
Felix Fuld	3	0	5	0	8
Hayes Homes	22	0	13	6	41
Hayes Elderly	0	0	2	0	2
Hyatt Court	1	0	0	5	6
Kretchmer Homes	10	0	11	12	33
Kretchmer Elderly	0	1	5	4	10
Pennington Court	0	1	3	0	4
Roosevelt Homes	1	0	0	2	3
Scudder Homes	5	0	8	0	13
Scudder Elderly	0	0	0	0	0
Seth Boyden Court	2	0	0	3	5
Seth Boyden Elderly	0	0	0	0	0
Stephen Crane	0	0	3	2	5
Stephen Crane Eldery	0	0	0	0	0
Walsh Homes	1	0	0	2	3
Wright	23	3	14	22	62
Other H/R not NHA	23	9	16	82	130

NEWARK PUBLIC SCHOOLS  
ELEMENTARY SCHOOLS

	<u>ACTUAL FIRES</u>	<u>FALSE ALARMS</u>	<u>ALARM MALF.'S</u>	<u>OTHER INCIDENTS</u>	<u>TOTAL RESPONSES</u>
Abbingtion Avenue	0	5	6	2	13
Alexander Street	0	6	0	0	6
Ann Street	0	8	5	2	15
Avon Avenue	3	16	19	7	45
Belmont Runyon	0	4	7	0	11
Bergen Street	0	18	9	0	27
Bragraw Avenue	0	3	4	0	7
Broadway	0	8	2	1	11
Burnet Street	0	9	5	1	15
Camden Street	0	0	0	0	0
Camden Middle	1	26	15	0	42
Chancellor Avenue	0	4	2	1	7
Chancellor Ave. Annex	0	0	0	0	0
Cleveland	0	12	3	0	15
Clinton Avenue	0	0	0	0	0
Dayton Street	0	7	5	4	16
Eighteenth Avenue	0	3	7	5	15
Elliot Street	0	6	12	3	21
Fifteenth Avenue	0	5	8	1	14
First Avenue	0	7	2	0	9
Fourteenth Avenue	0	2	0	1	3
Franklin	0	5	2	0	13
G.W. Carver	0	27	13	3	43

ELEMENTARY SCHOOLS (Cont'd)

	ACTUAL FIRES	FALSE ALARMS	ALARM MALF. 'S	OTHER INCIDENTS	TOTAL RESPONSES
Harriet Tubman	0	2	0	0	2
Hawkins Street	0	1	3	0	4
Lafayette Street	0	2	1	0	3
Lafayette St. Annex	0	0	2	0	2
Lincoln	0	4	6	2	12
Louise A. Spencer	0	11	4	0	15
Madison	0	8	1	0	10
Maple Avenue	0	7	0	4	11
Dr. M. L. King Jr	0	28	11	2	41
Mc Kinley	0	0	2	3	5
Miller Street	0	19	6	0	25
Morton Street	0	8	3	1	12
Mount Vernon	0	2	0	1	3
Newton Street	0	4	2	0	6
Oliver Street	0	0	2	6	8
Peshine Avenue	1	2	2	0	5
Quitman Street	0	2	1	0	3
Ridge Street	0	4	0	1	5
Roberto Clemente	0	2	1	0	3
Roberto Clem. Annex	0	0	0	0	0
Roseville Avenue	0	0	0	0	0
Roseville Ave. Annex	0	0	0	0	0
South Street	0	2	1	1	4

ELEMENTARY SCHOOLS (Cont'd)

	ACTUAL FIRES	FALSE ALARMS	ALARM MALF. S	OTHER INCIDENTS	TOTAL RESPONSES
So. Seventeenth St	0	42	12	1	45
Speedway	0	3	0	0	3
Sussex Avenue	0	10	4	1	15
Sussex Ave. Annex	0	0	0	0	0
Marcus Garvey	0	0	0	0	0
Alma E. Flagg	0	3	5	0	8
Thirteenth Avenue	0	19	2	1	22
Warren Street	0	2	5	2	9
West Kinney Special	0	8	0	1	9
Dr. William Horton	0	5	2	1	8
Wilson Avenue	1	5	0	1	7

JUNIOR HIGH SCHOOLS

Broadway	0	5	1	2	8
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SENIOR HIGH SCHOOLS

Arts	0	3	9	0	12
Barringer	1	19	<u>15</u>	0	35
Barringer Prep	0	1	2	0	3
Central	1	9	7	2	19
East Side	7	22	19	3	41
Ed.Center /Youth	0	0	0	0	0
M. X. Shabbazz	0	10	8	5	23
Newark Evening	0	0	0	0	0

SENIOR HIGH SCHOOLS (cont'd)

	ACTUAL FIRES	FALSE ALARMS	ALARM MALF.'S	OTHER INCIDENTS	TOTAL RESPONSES
Science	0	9	6	0	15
University	0	5	9	0	14
Weequahic	1	13	7	0	21
West Side	0	18	9	3	30

PROFESSIONAL ART SCHOOLS  
POST HIGH SCHOOL LEVEL

Newark School of Fine & Industrial Arts	0	0	0	0	1
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SPECIAL SCHOOLS

Floyd Patterson	0	0	0	1	1
Montgomery Street	0	15	2	0	17
Arlington Avenue	0	5	2	0	5
Boylan Street	0	2	1	0	3
Branchbrook	0	0	1	0	1
Bruce Street (@ G.W. Carver)	0	0	0	0	0
Chestnut Street	0	0	0	0	0
Helen A. Keller (@ Louise A. Spencer)	0	0	0	0	0
John F. Kennedy	0	2	0	0	2
Samuel L. Berliner	0	2	0	1	3
Harold Wilson	1	0	1	1	3
NJ Regional Day	0	2	1	0	3

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TOTALS	25	1038	177	106	774
(All Schools Combined)					

MOBILE PROPERTY TYPETOTAL FIRES

## 1 - PASSENGER ROAD VEHICLES

11. Automobile.....	1,329
12. Bus.....	3
13. Motorcycle, Golf Cart, Snowmobile.....	8
14. Motor Home, Bookmobile, Etc. ....	0
15. Travel Trailer.....	0
16. Camping Trailer.....	0
17. Mobile Home.....	0

## 2 - FREIGHT-ROAD TRANSPORT VEHICLES

21. Trucks Over 1 Ton, General Use.....	6
22. Trucks Under 1 Ton, General Use.....	0
23. Semi-Trailer Truck.....	5
24. Tank Truck Non-Flammable Cargo.....	0
25. Tank Truck Flammable/Combustible Cargo.....	1
26. Tank Truck Compressed Gas/L.P. Cargo.....	0
27. Trash Truck.....	3

## 3 - RAIL TRANSPORTATION VEHICLES

31. Passanger, Diner Car.....	0
32. Freight Box Car.....	2
33. Tank Car.....	0
34. Container, Piggy Back Car.....	0
35. Locomotive Engine.....	0
36. Self-Powered Car.....	0
37. Maintenance Equipment Car.....	0

## 4 - WATER TRANSPORT VESSELS

41. Motor Craft (under 65 ft.).....	0
42. Vessel (over 65 ft.).....	0
43. Passenger Ship.....	0
44. Tank Ship.....	0
45. Combat Ship.....	0
46. Cargo Ship (other than above).....	0
47. Vessels Without Power.....	0
48. Commercial Fishing Vessels.....	0
63. Fork Lift/Moving Equipment.....	0



1 - PUBLIC ASSEMBLY PROPERTY

TOTAL FIRES

12. VARIABLE USE AMUSEMENT PLACES

121. Ballroom, Gymnasium.....	0
122. Exhibition Hall.....	0
123. Arena, Grandstand.....	0
124. Playground.....	15

13. CHURCHES, FUNERAL PARLOR

131. Church, Chapel.....	5
132. Religious Education.....	0
133. Church Hall Meetings.....	0
134. Funeral Parlor, Morgue.....	0

16. EATING, DRINKING PLACES

161. Restaurant, Diner.....	6
162. Nightclub.....	0
163. Tavern.....	7
164. Lunchroom, Drive-In.....	0

2 - EDUCATIONAL PROPERTY

21. NON-RESIDENTIAL SCHOOLS

211. Nursery School.....	0
212. Kindergarten.....	0
213. Elementary School.....	19
214. Junior High School.....	41
215. High School.....	32

23. TRADE, BUSINESS SCHOOL

231. Vocational Trade School.....	0
232. Business School.....	0
233. Speciality School.....	1
234. Rehabilitation Center.....	0

24. COLLEGE, UNIVERSITY

241. College, University.....	0
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3 - INSTITUTIONAL PROPERTY

TOTAL FIRES

31. CARE OF THE AGED

311. Care of the Aged..... 5

32. CARE OF THE YOUNG

321. Day Child-Care Center..... 0

322. Orphanage..... 0

323. Foster Home..... 0

33. CARE OF THE SICK, INJURED

331. Hospital..... 10

332. Sanitarium..... 0

334. Clinic..... 0

34. CARE OF THE PHYSICALLY RESTRAINED

341. Prison Cellblock - Men..... 1

342. Prison Cellblock - Women..... 0

343. Juvenile..... 0

345. Police Station..... 0

4 - RESIDENTIAL PROPERTY

41. ONE AND TWO FAMILY DWELLINGS

411. One Family Dwelling..... 98

414. Two Family Dwelling..... 112

42. APARTMENTS, TENEMENTS, FLATS

421. 1 Or 2 Units W/Business..... 6

422. 3 Through 6 Units..... 79

423. 7 Through 20 Units..... 52

424. Over 20 Units..... 114

43. ROOMING, BOARDING, LODGING HOUSES

431. 3 To 8 Rooms..... 1

432. 9 To 15 Rooms..... 0

44. HOTELS, MOTELS, INNS

441. Less Than 20 Units..... 1

443. 20 To 90 Units..... 6

445. 100 Or More Units..... 5

5 - STORE OFFICE PROPERTY

TOTAL FIRES

51. FOOD AND BEVERAGE SALES

511. Supermarket.....	3
512. Grocery Store.....	6
513. Speciality Food Store.....	0
514. Liquor, Beverage Store.....	2
515. Creamery, Dairy Store.....	0
516. Delicatessen.....	0

52. TEXTILE, WEARING APPAREL SALES

521. Clothing Store.....	1
522. Clothing Access-Shoe Store.....	0
523. Shoe Repair Shop.....	0
524. Tailor, Dressmaking Shop.....	0
525. Fur Store.....	0
526. Dry Goods Store.....	0

53. HOUSEHOLD GOODS, SALES, REPAIRS

531. Furniture Store.....	0
532. Appliance Store.....	0
533. Hardware Store.....	2
534. Music Store.....	0
535. Wallpaper, Paint Store.....	0
536. Rug, Floor Covering Store.....	0
537. Furniture Repair Shop.....	0
538. Appliance Repair Shop.....	0

54. SPECIALITY SHOP

541. Book, Stationery Store.....	0
542. Newsstand, Tobacco Shop.....	0
543. Drug Store.....	2

6 - BASIC INDUSTRY, UTILITY

64. UTILITIES

642. Electric Distribution Center.....	0
644. Gas Distribution Center.....	0
645. Flammable Distribution Center.....	0
646. Steam Distribution Center.....	0
647. Water Distribution Center.....	0
648. Sanitary - Garbage Service.....	3

7 - MANUFACTURING PROPERTY

TOTAL FIRES

71. FOOD

711. Slaughter, Meat.....	0
712. Dairy Products, Mfg.....	0
713. Canning, Fruit, Vegetables.....	0
715. Grain Products, Mfg.....	0
716. Baking Products, Mfg.....	1
718. Snack Food, Mfg.....	0

72. BEVERAGE, TOBACCO, & OILS

721. Distilling.....	0
722. Wines.....	0
723. Brewery, Malt.....	0
724. Soft Drinks.....	0
725. Tobacco Products.....	0
726. Oils.....	0
729. No Cause for Alarm.....	0

73. TEXTILES

732. Cotton Weaving.....	0
733. Wool.....	0
734. Mixed.....	0
735. Finishing.....	0
736. Knitting Mills.....	0
737. Rope, Twine.....	0
738. Floor Covering.....	0
739. No Cause for Alarm.....	0

74. FOOTWEAR, WEARING APPAREL

741. Footwear Mfg.....	0
742. Wearing Apparel Mfg.....	0
744. Tannery.....	1
746. Leather Products Mfg.....	0
747. Rubber Products Mfg.....	0

75. WOOD, PAPER, FURNITURE, PRINTING

751. Sawmill.....	0
753. Wood, Cork Products, Mfg.....	0
754. Furniture Mfg.....	0
757. Newspaper, Magazine.....	0

76. CHEMICAL, PLASTIC, PETROLEUM

762. Hazardous Chemicals Mfg.....	0
763. Plastic Mfg.....	0
767. Petroleum Refinery, Natural Gasplant.....	0

	<u>TOTAL FIRES</u>
77. METAL, METAL PRODUCTS	
773. Metal Products Mfg.....	0
774. Machinery Mfg.....	0
775. Electric Equipment, Mfg.....	0
8 - <u>STORAGE FACILITIES</u>	
80. STORAGE PROPERTY UNCLASSIFIED	
808. Tool Shed.....	0
86. CHEMICAL, PLASTIC PRODUCTS	
861. Industrial Chemical.....	4
862. Hazardous Chemical.....	0
863. Plastic Products.....	0
864. Fertilizer.....	0
865. Paint - Varnish.....	0
866. Drugs, Cosmetics.....	0
867. Rubber, Rubber Products.....	0
868. Photo Film Storage.....	0
87. METAL PRODUCTS STORAGE	
871. Basic Metal Form.....	0
872. Metal Parts.....	0
873. Hardware.....	0
874. Machinery.....	0
875. Electric Appliance Supply.....	0
876. Finished Metal Products.....	0
877. Scrap, Junkyards.....	11
88. VEHICLE STORAGE	
881. Garage, Residential.....	8
882. Garage, Parking.....	0
883. Bus, Car, Truck, Fleet Dealers.....	0
884. Heavy Machine Equipment.....	0
885. Marinas - Boat, Ship.....	0
886. Aircraft Hangar.....	1
887. Railway Storage.....	0
888. Fire Station.....	0

	<u>TOTAL FIRES</u>
89. GENERAL ITEM STORAGE	
891. General Warehouse.....	6
892. Bagged Mineral Products.....	0
893. Packaged Mineral Products.....	0
894. Freight Terminal.....	0
895. Coal, Coke, Charcoal.....	0
897. Ice Storage.....	0
898. Wharf Pier.....	0

9 - SPECIAL PROPERTY

91. CONSTRUCTION - UNOCCUPIED PROPERTY

DAI. 1. Under Construction.....	0
5. Vacant Property.....	178
6. Abandoned.....	0
Being Demolished.....	0

92. SPECIAL STRUCTURES

921. Bridge, trestle.....	0
922. Tunnel.....	0
923. Public Mailbox.....	0
924. Toll Station.....	0
925. Shelter, Bus, Storm.....	2
926. Outbuilding.....	0
927. Telephone Booth.....	0

93. OUTDOOR PROPERTIES

930. Insufficient Information.....	0
931. Open Land Field.....	122
932. Dump, Land Fill.....	0
933. Residential Yard.....	55
934. Cemetary.....	3
936. Vacant Lot.....	211
937. Riverfront.....	0
938. Park.....	12

94. WATER AREA

942. Port, Channel.....	0
943. Piers.....	0
946. Inland Water Area.....	0

95. RAILROAD PROPERTY

951. Rairoad Right of Way.....	8
952. Switchyard.....	9
953. Siding.....	1

TOTAL FIRES

96. ROAD, PARKING PROPERTY

961. Divided Highway.....	8
962. Paved Public Street.....	95
963. Paved Private Street.....	0
964. Open Parking Lot.....	14

97. AIRCRAFT AREAS

971. In Flight.....	0
972. On Runway.....	0
974. At Loading Ramp.....	0

98. OUTSIDE EQUIPMENT - OPERATOR AREA

981. Construction Site.....	0
984. Industrial Plant Yard.....	0

J.C.A. - TYPE OF INCIDENT

TOTAL

2 - OVERPRESSURE, OVERHEATING (No Ensuing Fire)

21. Steam Rupture.....	9
22. Air, Gas Rupture.....	127
29. Overheat, Explosion.....	5

3 - RESCUE, EMERGENCY MEDICAL CALL

31. Medical Assist.....	0
32. Emergency Medical Call.....	279
33. Lock-In.....	63
35. People Trapped.....	47

4 - HAZARDOUS CONDITION, STAND-BY

41. Gas Leak/Flammable Liquid Spills.....	173
44. Electric Arc/Short.....	244
45. Oilburner Delayed Ignition.....	68
46. Vehicle Accident.....	78
49. Hazardous Condition Stand-By.....	183

TOTAL

5 - SERVICE CALL

51. Locked Out/Etc.....	71
52. Water Problem.....	29
53. Smoke/Odor Condition.....	389
54. Animal Problem.....	5
55. Police Assist.....	96
56. Unauthorized Burning.....	8

6 - GOOD INTENT CALL

61. Incident Cleared Prior to Arrival.....	32
62. Wrong Location.....	3
63. Controlled Burning.....	8
64. Multiple Box Pull.....	3
65. Steam/Gas Mistaken for Smoke.....	7

7 - FALSE CALL

71. Malicious.....	6,985
72. Bomb Scare.....	5
73. Malfunction.....	1,371
79. No Cause for Alarm.....	0

J.D.A.- ACTION TAKEN

32. Extrication.....	48
34. Manpower.....	5
35. Search.....	9
36. Transportation.....	0
37. Force Entry.....	7
41. Remove Hazard (Spills).....	8
52. Move-up.....	482
53. Fire Watch.....	53
54. Water Removal.....	0
57. Force Entry.....	0
91. Code Enforcement.....	0
98. No Action Taken.....	0
99. Not Classified Above.....	0



J.E.A. - LEVEL OF ORGINTOTAL

## 1 - LEVEL ABOVE GRADE

11. Grade Level.....	67
12. 2nd Story.....	23
13. 3rd Story.....	41
14. 4th to 5th.....	9
15. 6th to 10th.....	0
16. 11th to 15th.....	3
17. 16th to 20th.....	0
18. Over 20.....	0

## 2 - LEVEL BELOW GRADE

21. One Story Below Grade.....	18
22. 2nd Story Below Grade.....	0

J.C.B. CONDITION ON ARRIVAL

6. Fully Involved.....	23
7. Exposure.....	11

FIRES - AREA OF ORIGIN

## 0 - MEANS OF EGRESS

01. Hallway, Corridor, Mall.....	31
02. Exterior Stairway, Fire Escape.....	4
03. Interior Stairway, Ramp.....	10
04. Escalator.....	0
05. Lobby, Entrance Way.....	3

## 1 - ASSEMBLY, SALES AREA

11. Large Area w/Fixed Seats (100 or more).....	0
12. Large Open Room w-o Fixed Seats.....	6
13. Small Area Less Than 100.....	2
14. Lounge Area, Living Room-Den Etc.....	0
15. Sales, Showroom, Shop Area.....	4
16. Library.....	0

## 2 - Functional Area

21. Sleeping Room Under 5 Persons.....	152
22. Sleeping Area for 5-or more Persons.....	0
23. Dining Area, Lunchroom, Cafeteria.....	2
24. Kitchen, Cooking Area.....	103
25. Lavatory, Locker Room, Cloakroom.....	9
26. Laundry Room.....	4
27. Office.....	2
28. Personal Service Area, Health Club Etc.....	0

## 4 - STORAGE AREA

41. Storage Tank or Bin.....	2
42. Closet.....	1
43. Supply Storage Room.....	12
44. Record Storage Room, Vault.....	0
45. Shipping, Receiving Area.....	2
47. Garage, Carport.....	18

## 5 - SERVICE FACILITIES

51. Elevator, Dumbwaiter.....	3
52. Utility Shaft.....	17
53. Light Shaft.....	0
54. Chute, Laundry-Mall.....	0
55. Duct, Heat-Air Conditioner.....	4
56. Display Window.....	0
57. Chimney.....	3
58. Conveyor.....	0

## 6 - SERVICE, EQUIPMENT AREA

61. Machinery.....	2
62. Heating Equipment Room.....	27
64. Incinerator Room.....	18
65. Maintenance Shop.....	2

## 7 - STRUCTURAL AREA

72. Open Porch.....	0
74. Concealed Ceiling/Roof Space.....	13
75. Concealed Wall Space.....	8
76. Exterior Wall Surface.....	21
77. Exterior Roof Surface.....	3
78. Awning.....	0

8 - TRANSPORTATION, VEHICLE AREA

81. Passenger Area.....	738
82. Trunk Area.....	22
83. Engine Area.....	391
84. Fuel Tank, Line Area.....	17
85. Control Area.....	57
86. Exterior Area.....	4

F - EQUIPMENT INVOLVED IN IGNITION

1 - HEATING SYSTEM

11. Central Heating Unit.....	7
12. Water Heater.....	0
13. Fixed, Stationary Local Heating Unit.....	0
14. Indoor Fireplace.....	0
15. Portable Local Heating Unit.....	0
16. Chimney, Vent, Flue.....	0
17. Chimney Connector, Vent, Connectors.....	0
18. Heat Transfer System.....	0

2 - COOKING EQUIPMENT

21. Fixed, Stationary Surface Unit.....	18
22. Fixed, Stationary Ovens, Rotisseries.....	3
23. Fixed, Stationary Food Warmers.....	0
24. Deep-Fat Fryer.....	3
25. Portable Cooking, Warming Unit.....	0
26. Open Fired Grill.....	0
27. Grease Hood, Duct.....	0

3 - AIR CONDITIONING, REFRIGRATION EQUIPMENT

31. Central Air Cond. Refrig. ....	0
32. Water Colling Device.....	0
33. Fixed, Stationary Local Refrig. Unit.....	0
34. Fixed, Stationary Local Air Cond. Unit.....	0
35. Portable Air Cond. Refrig. Unit.....	0

Division of Investigation

\* \* \* ANNUAL REPORT 1994 \* \* \*

Submitted by  
Deputy Chief James V. Raymond

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The following is a report of the activities of the Division of Investigation's Arson Squad and the Office of Hazardous Materials for the year 1994.

The complete records of all investigations and inspections conducted by the Arson Squad, and the Office of Hazardous Materials, including photographs, evidence, statements, violations ect., are on file in the Offices of the Arson Squad, located at Fire Headquarters, 1010 18th Ave. and the Office of Hazardous Materials, 188 Mulberry Street. All information will be made available to interested parties when needed for disposition, Grand Jury Presentation, Criminal Prosecution, Civil Suit or for any purpose demanded by law.

Records of juvenile apprehensions, adult arrest, together with court dispositions of these arrest, are on file in the Arson Squad Office, and will be made available to the proper authorities upon request.

Records for facilities that registered for a permit under the Hazardous Materials Regulations of the City of Newark are on file with the Office of Hazardous Material. Information contained in these files are strictly confidential and is not for publication.

The Arson Squad has maintained a daily association with other bureaus of municipal government, such as the Newark Police Department's, Youth Aid Bureau, Homicide Squad, Major Crimes Division, and the Patrol Division., Board of Education, Fire Prevention Bureau and the Life Safety Division, Engineering Department, as well as the Department of Health and Welfare

We have also recently become a contributor, as well as a participating member of the newly formed Juvenile Firesetters Intervention Program, of Essex County. This program deals specifically with children who have shown a fascination with fire.

Throughout the past year, we have continued our liaison with the Federal Bureau of Investigation, The Federal Bureau of Alcohol, Tobacco, and Firearms, New Jersey Division of Criminal Justice, New Jersey State police, New Jersey Division of Motor Vehicles, New Jersey Division of Family Services, New Jersey Insurance Fraud Commission, Essex County Prosecutor's Office. Essex County Sheriffs Department, Bomb and Canine units. All of these agencies have given us important assistance in many of our investigations and we express our gratitude for this help.

Members of the Arson Squad assist the Division of Criminal Justice with their in-service training programs established under N.J.S.A. 40A:14-7.1 and also continue to cooperate with the Essex County Prosecutor's Office, (Arson Task Force and Environmental Task Force), with investigations throughout Essex County. Detectives Irizarry and Rodriguez of this command have assisted other departments and the Prosecutor's Office by acting as interpreters for Spanish speaking victims and witnesses.

The Division of Investigation has under taken a new realm of investigations, in that we are now investigating in the area of illegal dumping of both Hazardous and Solid Waste. The Hazardous Materials Unit and support staff are also directly under the control and authority of this office.

Members of the Division of Investigation conduct and assist in the training of newly appointed Fire fighters as well as those Fire fighters that have been on the job for a period of time. The Arson Squad also assist in the training of other arson units through the use of films from our library and knowledge obtained through numerous investigations. We also conduct background investigations on all prospective candidates for the Newark Fire Department. This unit is often called on to provide security for various buildings and to assist the Director and Deputy Chiefs Coordinator in all departmental trials. We also provide valuable assistance to the Law Department in researching files for litigation purposes.

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MEMBERS OF THE ARSON SQUAD TOOK PART IN THE FOLLOWING SCHOOLS AND SEMINARS.

1. Basic Investigators Training Course, given by the New Jersey Division of Criminal Justice, Trenton, New Jersey.
2. Basic Course for Environmental Crimes, given by the New Jersey Division of Criminal Justice, Trenton, New Jersey.
3. Basic Arson Investigation Course, Given by the New Jersey Division of Criminal Justice, Trenton, New Jersey.
4. Instructor Training Course for self defense using the Monadnock PR-24 Baton.

5. Electricity as a fire cause, given by the University of Delaware.
6. Radiation detection and meter training, given by the New Jersey State Police, Trenton, New Jersey
7. Hazardous Materials Awareness Training, given by the New Jersey State Police, Trenton, New Jersey.
8. Incident Command, given by the Newark Training Academy.
9. Fire fatality investigation seminar conducted by the Morris County Prosecutors Office.
10. Conference sponsored by the Federal Bureau of Alcohol, Tobacco, and Firearms (ATF) concerning automobile fires.
11. Attended quarterly meetings of the International Association of Arson Investigators (IAAI) at the Monmouth County police and Fire Academy.
12. Attended several organizational meetings on the computer aided dispatch system which will be instituted.
13. Attended meetings at Saint Barnabus Medical Center on Juvenile Fire-setters concerning psychological testing and hospital facilities available.
14. All members re-qualified in the care and use of firearms at the Newark Police Departments Range.
15. Monthly training seminars at the office of the Arson Task Force in Essex County regarding changes and updates in Title 2C, of the New Jersey Criminal Code.
16. In-service Training by Division of Criminal Justice, given at the Morris County Police and Fire Academy and Burlington County Fire Academy.
17. Fire Fighter Responsibility in Arson Detection given to all recruit classes, and newly appointed Captains in the City of Newark.

The Division of Investigation has added extra patrols that look for and apprehend violators of the New Jersey Solid Waste laws.

The Division of Investigation has also provided instructors to the Insurance Industry in Arson related vehicle fires.

The Division of Investigation gives periodic lectures to the Newark School system on the dangers of spraying MACE and other chemical compounds within the school areas.

The members of the Division of Investigation while out on Pro-Active patrols in high crime areas of the city, are watchful and have recovered many stolen vehicles prior to them being further vandalized or set on fire.

**\* \* INVESTIGATIONS FOR 1994 \* \***

Signal 100	355
Signal 102	579
Signal 200 (deaths)	8
Multiple Alarms	64
Complaints	283
Illegal dumping	22

**BREAKDOWN OF INVESTIGATIONS**

	Building	Non-Building	Vehicles	Total
ARSON	88	6	121	215
SUSPICIOUS	134	42	184	360
UNDETERMINED	134	46	37	222
ACCIDENTAL	108	4	14	126
Criminal Mischief	2	5	0	7
Malicious Mischief	11	5	0	16
Complaints	15	4	17	36
NFE	<u>1</u>	<u>0</u>	<u>3</u>	<u>4</u>
TOTAL	493	112	376	986

	ARREST	REPRIMANDS
ADULTS	56	15
JUVENILES	22	25
		Totals 118
Recovered stolen Vehicles	41	
FOLLOW-UP INVESTIGATIONS	367	
COURT TIME	213 hours	
JUVENILE FIRESETTERS REFERRAL	56	

\* \* \* DEATHS by FIRE 1994 \* \* \*

	DATE	TIME	STATION	ADDRESS	NAME	SEX	AGE	CAUSE	CODE
1.	01-13-94	1657	4247	516 Bergen St	Naomi Barnes	F	82	Accidental	424
2.	02-12-94	0118	4371	388 South 6th St.	Willie Dozier	M	54	Accidental	422
3.	07-30-94	0906	4448	496 18th Ave.	Charles Wright	M	31	Accidental	414
4.	10-29-94	0059	3241	58 Chester ave	Michael DeLane	M	33	Accidental	414
5.	10-29-94	0059	3241	58 Chester Ave	Julia Jordan	F	63	Accidental	414
6.	11-11-94	0648	1256	132 Hudson St	Robert Hopkins	M	43	Arson	421
7.	11-18-94	1421	4591	324 Wainwright St.	Percival Delapara	M	57	Accidental	411
8.	12-31-94	2255	5515	Ave A. Pioneer St.	Corey Daniels	M	22	Accidental	891



FIRE SIGNAL SYSTEM OPERATION  
COMMUNICATIONS  
ANNUAL REPORT  
FOR THE YEAR 1994  
WALTER MASZCZAK, CHIEF

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The Division's Operations Unit receives alarms, dispatches units, conducts all emergency radio communications and controls the status and movement of all emergency units. It records all alarm activity and radio traffic for future reference and regularly tests all alarm circuits. It also coordinates special requests for emergency responses from other agencies.

The Construction and Maintenance Unit maintains and repairs the department's Fire Signal System, which includes a total of 750 private and street fire alarm boxes, signal consoles in the fire houses and a twenty five square mile area of overhead and underground cable. The Unit is also responsible for the inventory, maintenance and repair of the department's emergency radio system. This includes all mobile units, portable units, receivers, and associated equipment.

FIRE SIGNAL SYSTEM  
MAINTENANCE & CONSTRUCTION

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The following is an account of this Division's work performed during the year 1994.

Subterranean ducts rodded, (feet of)	7,100
Pull wire installed in ducts, (feet of)	7,500
Subterranean cable installed, (feet of)	105,000
Subterranean cable removed, (feet of conductor)	8,000
Single line wire removed and installed new (feet of)	6,300
Aerial "C" wire installed, (feet of conductor)	30,000
Fire alarm boxes serviced, tested and wound	1,945
Stanchions & junction boxes modified & replaced	11
Trees trimmed	120
Ground rods buried	18
Firehouse serviced	24
Field inspections, (hours of)	130
Training sessions, (hours of)	50
Housekeeping / Vehicle maintenance, (hours of)	125
Major jobs completed	1,800
Minor jobs completed	3,600
Pre-construction and survey conferences	15
Painting pedestals & fire boxes	90
Illegal election signs removed	10,426

**1994 ANNUAL REPORT  
FIRE SIGNAL SYSTEMS OPERATIONS**

\*\* See description of categories on following page

CATEGORY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1. Total Incidents	1470	1097	1461	1627	1708	1865	1568	1441	1455	1681	1641	1418	18432
2. Relocations	28	60	39	36	70	33	49	59	26	66	8	8	482
3. Misc. Alarms	329	326	375	361	400	390	335	382	438	427	460	459	4682
4. TOTAL ALARMS													
5. Box Alarms	415	417	698	735	797	898	675	657	631	767	591	492	7773
6. Telephone Alarms	728	544	626	732	755	801	753	640	671	771	855	782	8658
7. Automatic Alarms	302	123	114	119	124	138	111	117	122	111	144	115	1640
8. Radio Alarms	25	13	23	41	32	28	29	27	31	32	51	29	361
9. Signal 5 Alarms	629	485	639	688	735	830	646	530	591	695	651	528	7647
10. Signal 8 Alarms	259	136	153	145	143	174	148	161	174	192	296	254	2235
11. Signal 9 Alarms	394	334	502	632	648	682	569	556	518	599	523	446	6403
12. Pull Assignments	188	142	167	162	182	179	205	194	172	195	171	190	2147
13. Signal 300 Incidents	317	362	609	677	770	823	603	556	555	726	538	449	6985
14. Signal 305 Incidents	802	464	614	718	707	787	715	661	661	702	779	648	8258
15. Signal 308 Incidents	309	221	202	193	182	222	208	187	200	209	281	272	2686
16. Signal 309 Incidents	16	18	14	20	13	14	16	19	22	20	16	18	206
17. Signal 11 Incidents	20	23	17	16	27	14	22	16	16	19	20	28	238
18. 2-Alarm Fires	6	7	4	2	7	5	3	2	1	3	4	2	46
19. 3-Alarm Fires	0	2	1	1	2	0	1	0	0	2	3	1	13
20. 4-Alarm Fires	0	0	0	0	0	0	0	0	0	0	0	0	0
21. Signal 10 Assignments	4	4	6	5	1	6	4	3	4	1	1	2	41
22. Fire Fatalities	1	1	0	0	0	0	1	0	0	2	2	1	8
23. Injuries Tended To	28	14	8	5	9	9	4	17	9	0	0	12	115
24. Mutual Aid In	0	0	0	0	0	0	0	0	0	0	0	0	0
25. Mutual Aid Out	0	0	0	0	1	0	1	1	0	0	1	0	4

**FALSE ALARMS**

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
26. Received by Box	261	302	558	610	683	743	523	488	499	619	446	363	6095
27. Received by Telephone	43	48	40	52	71	69	73	57	44	92	83	74	746
28. Received by Automatic	12	12	11	15	15	11	7	11	12	13	7	10	136
29. Received by Radio	1	0	0	0	1	0	0	0	0	2	2	-2	8
30. TOTAL	317	362	609	677	770	823	603	556	555	726	538	449	6985
31. School F/A	62	89	133	121	140	161	29	11	61	107	69	55	1038
32. Residential F/A	35	38	34	47	64	61	47	46	34	91	139	48	684
33. Commercial F/A	7	7	5	4	5	5	12	7	2	7	33	18	112
34. Medical F/A	2	3	4	3	7	1	0	3	3	2	2	30	60

SPECIAL SERVICES AND SUPPLY COMPANY  
ANNUAL REPORT SUBMITTED BY  
JAMES P. CLARKE, CAPTAIN  
FOR THE YEAR 1994

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The Special Services and Supply Division operated on an around the clock basis throughout 1994 and continued to provide the necessary services of supply and repair to all Fire Department units, other city departments and agencies and the community in general.

Accomplishments and services provided by the various departments and personnel of this division during 1994 are as follows:

DELIVERY AND PICK UP SERVICE; Deliveries and pick ups were made on a morning, afternoon, and evening basis as per schedule for routine items and problems of an emergency nature were handled immediately. Supplies that were handled varied, and included tools, extinguishers, oxygen, and air cylinders, pumps, self-contained breathing apparatus, furniture, lockers, hose, other firefighting equipment, Haz-Mat supplies, and other miscellaneous supplies.

Special Services personnel responded to the fire scenes with fuel for apparatus, air tanks, salvage covers, foam, Hi-Ex foam generator, smoke ejector, and other supplies and equipment. Salvage covers were picked up from fire scenes and returned to fire companies after being cleaned and dried. Fire apparatus requiring repair or replacement were picked up and delivered to various locations. Vehicles and personnel were supplied to assist in relief of firefighters at tour changes.

MASK DEPARTMENT: The Mask Department is charged with repair and continuing maintenance of SCOTT of self-contained breathing apparatus used by the department. During 1994, 511 masks were repaired and rebuilt to proper working specifications. 13,458 air cylinders were checked and refilled, and 99 cylinders were repaired. A random cylinder is tested by Liquid Carbonic Company each month for air purity. Mask Department is authorized to do its own repair of masks by Scott Aviation.

HOSE DEPARTMENT: The Hose Department kept all fire companies properly supplied with hose, nozzles, fittings, and appliances during 1994. All hose was subjected to the annual pressure test. Defective or damaged hose was repaired or replaced. The 1 3/4" hose has been supplied to all pumpers with the Elkhart SM-30 nozzle.

SUPPLY DEPARTMENT: Tools, equipment, and supplies were ordered, received, checked, and recorded, stored, or distributed as needed throughout the department. Personnel repaired porto-lights, desk lamps, extension cords, K-12 saws, generators, and other equipment.

Through this department maintenance and upkeep of Fire Department buildings is accomplished through liaison with other city agencies.

LADDER DEPARTMENT: Various size metal ladders were received, stored, and placed in service with fire companies. All department ladders are now maintained and repaired by Special Service personnel.

CANVAS DEPARTMENT: Canvas items, such as mask box covers, control box covers for truck companies, chain saw sheaths, electrical generator covers, and rope bags are made in this department. Window shades are made or repaired for all Fire Department buildings. The firefighter assigned to the Canvas Department also works with the Mask Department in filling air tanks and repairing masks.

OTHER ACTIVITIES: Special Service Division has been charged with purchase, distribution, and replacement of safety equipment and turnout gear for firefighting personnel.

Portable pumps were made available to the public on 19 occasions for flooding conditions. Portable electric generators, lamps, cables, and extinguishers were made available and distributed for various community demonstrations and functions.

Each department of Special Service and Supply kept records and file system; and submitted required reports consistent with their duties and activities. Housekeeping duties were performed to maintain quarters in a clean and presentable condition.

OBJECTIVES: To continue to provide quality service to all Fire Department units, city agencies and the community in general.

To continue to secure and evaluate new products, tools, and equipment. This will insure that the firefighter will have the best available items with which to provide top service.

# SPECIAL SERVICES AND SUPPLY COMPANY

## PERFORMANCE REPORT 1994

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Number of Alarms Answered	56
Pickups and Deliveries Made	13,458
Motor Oil Distributed at Fires (Gallons)	8
Diesel Oil Distributed at Fires (Gallons)	220
Electric Generators Used	15
Floodlight Cables Used	22
Number of Lights Used	10
Window Shades Made	41
Portable Pump Supplied For Flooding	19
Hours For Delivery and Instruction on Pump	24
Portolites Repaired	85
Portolite Batteries Delivered	388
Foam Delivered (Gallons)	225
Oxygen Cyclinders Refilled	47
Air Cyclinders Refilled	10,908
Air Cyclinder Repaired	99
CO-2 Extinguishers Refilled	235
Dry Powder Extinguishers Refilled	246
Masks Repaired	511
Canvas Covers Made	51
Ladders Repaired	10
Ladders Repaired (Feet)	160
Movement of Apparatus	16
Hooks Repaired	35
Salvage Cover Pickups	8
Saws Repaired	94
Generators Repaired	21
Salvage Covers Delivered	44

### EQUIPMENT ISSUED TO FIREFIGHTERS IN 1994

Gloves	246 pairs
Boots	185 pairs
Coats	70

DIVISION OF MOTORS  
ANNUAL APPARATUS REPORT FOR THE YEAR OF 1994  
SUBMITTED BY  
BATTALION CHIEF MICHAEL LAWLESS

In accordance with Department rules and regulations, the following report is submitted for the year 1994. During 1994 the Apparatus Repair Shop engaged in the following activities:

- \* Liaison work between the Repair Shop and the Fire Department;
- \* Change-over of apparatus when necessary;
- \* Scheduling of oil changes, lubrication, and maintenance work;
- \* Supervised the record keeping of repairs to apparatus;
- \* Assisted in writing specifications for new apparatus;
- \* Inspection and Acceptance Testing of new apparatus;
- \* Training of officers and men on new apparatus;
- \* Working with training academy on a comprehensive drivers training and preventive maintenance program

At the present there are 87 vehicles assigned to the Fire Department. They consist of :

- 16 Engine Companies
- 4 Squirts
- 9 Aerial Ladders
- 1 Quint
- 1 Heavy Rescue Vehicle
- 1 Haz-Mat Truck
- 1 Spare Rescue Squad
- 1 Mobile Command Unit
- 1 Haz-Mat Spill Truck
- 1 Spare Squirt
- 4 Spare Engines
- 2 Spare Aerial Ladders

The remaining vehicles are assigned to Field Chiefs, the ArsonSquad, Training Academy, Special Services, Community Relations, Fire and Life Safety, Telegraph Division, and the Office of Emergency Management.

In 1994 there were five (5) new vehicles added to the fleet, a 1992 Chevrolet Caprice one (1) E-One 1250 gpm Pumper, one (1) E-One 1250 gpm Squirt, one (1) E-One 110 foot Aerial and one (1) E-One Heavy Rescue Squad.

There were four (4) vehicles decommissioned: 2 Chevrolet station wagons, 1 Compac Pumper, and 1 American La France Aerial Ladder.

Attached is a list of vehicles and assignment by register number.

## NEWARK FIRE DEPARTMENT

REG. NO	ASSIGNMENT	YEAR & MAKE	MODEL	PLATE NO.	VIN NUMBER
1001	CHIEF LAWLESS	1987 CHEV.	CAPRICE	CHL41W	1G1BL51Z8HX213283
1002	DIRECTORS OFFICE	1988 CHEV	CAPRICE	CAH49J	1G1BL5164JR139442
1003	DIRECTOR	1992 CHEV.	CAPRICE	CJ485D	1G1BL5370NW144375
1012	FIRE CHIEF	1986 CHEV.	CAPRICE	MG94GY	1G1BL6962GX188489
1021	EMERGENCY MGT.	1989 CHEV.	CAPRICE	FCV55E	1G1BL51E3KR204712
1022	EMERGENCY MGT	1992 CHEV.	CAPRICE	ADH5441	1G1BL53E5NW151093
1041	ARSON	1990 CHEV.	CAPRICE	FWD85A	1G1BL5474LA160720
1042	ARSON	1990 CHEV.	CAPRICE	GEA67T	1G1BL5478LA160834
1044	PHOTOGRAPHER	1987 CHEV.	CAPRICE	BLY92N	1G1BL516HX221278
1046	ARSON	1986 CHEV.	CAPRICE	AFP33E	1G1BL6968GX188268
1047	HAZ-MAT INVIST.	1992 CHEV	CAPRICE	ABG696B	1G1BL53E3NW150797
1061	FP & LS	1987 CHEV.	CAVALIER	MG71JN	1G1JC5115HJ198265
1062	FP & LS	1987 CHEV.	CAVALIER	MG70JN	1G1JC5118HJ198258
1101	COMM. RELATIONS	1986 CHEV.	CAPRICE	MG93GY	1G1BN35YXGX180186
1102	DEPT. MESSENGER	1986 CHEV.	CAPRICE	MG92GY	1G1BN35Y7GX179366
1103	DEPUTY CHIEF 1	1993 GMC	SUBURBAN	MG10324	1GKGC26KIPJ717591
1104	BATT. CHIEF 5	1993 GMC	SUBURBAN	MG10322	1GKGC26K9PJ718441
1111	SPEC. SERVICE	1986 CHEV.	CAPRICE	MG91GY	1G1BN35Y0GX180195
1113	FP & LS	1986 CHEV.	CAPRICE	MG90GY	1G1BN35YXGX180169
1114	TRAINING ACADEMY	1986 CHEV.	CAPRICE	MG23JS	1G1BL81Y5H9147529
1115	FP & LS	1986 CHEV.	CAPRICE	MG26JS	1G1BL81Y7H9149184
1116	BATT. CHIEF 1	1993 GMC	SUBURBAN	MG10321	1GKGC26K3PJ716989
1117	BATT. CHIEF 3	1993 GMC	SUBURBAN	MG10325	1GKGC26K3PJ717480
1118	BATT. CHIEF 4	1993 GMC	SUBURBAN	MG10323	1GKGC26K3PJ717348
1119	SPARE CHIEFS GIG	1993 GMC	SUBURBAN	MG10326	1GKGC26K3PJ717097
1202	FIRE BOAT	1992 CONN.FB	F.B.	NJ8368	WUB68686F292
1202A	FIRE BOAT	1994	14' ALUM.	NJ8421FP	OMCS48731394
1202B	FIRE BOAT	1994	TRAILER	TAA5753	4H1001711R0134155
1205	ENG. 5	1987 SEAGRAVE	PUMPER	MG50JK	1F9ER28H5HCST2060
1206	SPARE ENGINE	1987 SEAGRAVE	PUMPER	MG49JK	1F9ER28H7HCAT2075
1207	ENG. 14	1984 E-ONE	PUMPER	MG98ZH	1EWA3AA80E1F03809
1209	ENG. 28	1989 E-ONE	PUMPER	MG27SU	46JBBA87K1002892
1210	ENG. 10	1989 E-ONE	PUMPER	MG23SU	46JBBA83K1002890
1211	ENG. 11	1986 E-ONE	PUMPER	MG63FZ	1F9ABAA8XG1037476
1212	SPARE ENGINE	1983 FORD	PUMPER	MG92ZF	1FDYD80U1DVA08587
1213	ENG. 13	1989 E-ONE	PUMPER	MG24SU	46JBBA87K1002889
1214	SPARE ENG.	1984 E-ONE	PUMPER	MG99ZF	1EWA3AA87E1F03810
1215	SPARE ENG.	1983 FORD	PUMPER	MG82ZF	1FDYD80U3DVA08588
1216	ENG. 8	1987 E-ONE	PUMPER	MG73SR	1F9ABAA88H1037959
1217	ENG. 17	1989 E-ONE	PUMPER	MG25SU	46JBBA85K1002888
1218	ENG. 21	1984 E-ONE	PUMPER	MG84DS	1EWA3AA89E1F03811
1219	ENG. 29	1989 E-ONE	PUMPER	MG26SU	46JBBA85K1002891
1221	SPARE ENG.	1983 FORD	PUMPER	MG91ZK	1FDYD80U0DVA22819
1226	ENG. 18	1987 E-ONE	PUMPER	MG74SR	1F9ABAA84H1037960
1227	ENG. 15	1986 E-ONE	PUMPER	MG52FZ	1F9ABAA88G1037474
1230	ENG. 12	1990 E-ONE	PUMPER	MG94ZH	46J7BAA82M1003781
1231	ENG. 27	1990 E-ONE	PUMPER	MG95ZH	46J7BAA80M1003780
1232	ENG. 26	1992 E-ONE	PUMPER	MG23ZJ	46J7BAA81M1003948
1233	ENG. 19	1992 E-ONE	PUMPER	MG22ZJ	46J7BAA83M1003949
1234	ENG. 7	1993 E-ONE	PUMPER	MG12084	4ENRAAA82P1002206
1235	ENG. 9	1993 E-ONE	PUMPER	MG12083	4ENRAAA84P1002207



## NEWARK FIRE DEPARTMENT

1236	ENG. 6	1994 E - ONE	PUMPER	MG6445	4ENRAAA84R1003988
1237	ENG. 16	1994 E - ONE	PUMPER	MG6444	4ENRAAA80R1003986
1301	TRUCK 1	1985 E-ONE	AERIAL	MG80ZF	1EWD3BA85E1FO3517
1304	SPARE TRUCK	1975 SEAGRAVE	AERIAL	MG865N	E75071
1305	SPARE TRUCK	1982 SEAGRAVE	AERIAL	MG524V	1F9FD28S3CCST2033
1306	TRUCK 6	1989 E-ONE	AERIAL	MG22SU	46JBBA86K1002887
1307	TRUCK 7	1986 E-ONE	AERIAL	MG41HY	1F9BBBA82G1037786
1308	TRUCK 8	1987 E-ONE	AERIAL	MG61SR	1F9BBA84H1037967
1309	TRUCK 4	1986 E-ONE	AERIAL	MG12HY	1F9BBBA84G1037787
1311	TRUCK 11	1989 E-ONE	AERIAL	MG21SU	46JBBA84K1002886
1312	TRUCK 12	1987 E-ONE	AERIAL	MG62SR	1F9BBA82H1037966
1315	TRUCK 5	1994 E - ONE	AERIAL	MG6443	4ENBABA83R1003987
1319	TRUCK 9	1991 E-ONE	AERIAL	MG96ZH	46JBBA84M1003779
1320	TRUCK 10	1991 E-ONE	AERIAL	MG21ZJ	46JBBA8XM1003950
1411	HAZ-MAT	1986 SPARTAN	RESPONDER	MG77SR	1S9BT2D02GC185030
1412	HAZ-MAT	1989 GMC	SPILL TRUCK	MG79SU	J9DKA1N4L3201082
1413	HAZ-MAT	1991 CHEV.	COMM. CENTER	MG93ZH	1GCKP32T6M3307889
1421	SPARE RESCUE	1985 FORD	VAN	MG90DZ	1FDYD80U3FVA06262
1422	RESCUE 1	1994 E - ONE	VAN	MG6449	4ENRAAA86R1003989
1454	SPARE RESCUE	1975 MACK	VAN	MG97BA	R685FC1061
1522	SPECIAL SERVICE	1988 GMC	VAN	MG81NJ	1GKGG35K4J7526523
1533	SPECIAL SERVICE	1981 CHEV.	PICK UP	MG25ZF	2GCGC334T4B1178691
1534	SPECIAL SERVICE	1987 CHEV.	PICK UP	MG25JJ	1GTGR34K2HJ519011
1535	SPECIAL SERVICE	1978 CHEV.	PICK UP	MGX446	65776
1622	TRAINING ACADEMY	1985 CHEV.	VAN	MG45EW	1G8EG25H6F7202993
1661	TRAINING ACADEMY	1991 GMC	BLAZER	MG91ZF	1GKEV18KIMF524980
1701	FIRE SIGNAL	1987 CHEV.	CAPRICE	MG25JS	1G1BL81Y3H9147433
1722	REPAIR SHOP	1985 CHEV.	VAN	MG44EW	1G8EG25H9F7201787
1723	FIRE SIGNAL	1991 CHEV.	VAN	MG18ZL	1GKEG25HIM7516087
1743	FIRE SIGNAL	1970 CHEV.	BOOM TRUCK	MG52ZF	CE630P165815
1744	FIRE SIGNAL	1984 GMC	BOOM TRUCK	MG607Z	1GDJC34MEV541772
1745	FIRE SIGNAL	1989 FORD	BUCKET TRUCK	MG91SU	1FDKF37H4KNB41529
1746	FIRE SIGNAL	1971 CHEV.	CABLE TRUCK	MG56HP	CCE532V126991
1767	FIRE SIGNAL	1989 BUTLER	CABLE TRAILER	MG92SU	1BUC10108K1006708
1801	ARSON	1986 CHEV.	CAPRICE	ATS24X	1G1BL6962GX188265
1813	COMM. RELATIONS	1987 CHEV.	CAVALIER	MG72JN	1G1JC5112HJ198255
1825	COMM. RELATIONS	1991 GMC	VAN	MG14ZL	1GKEG25H9M7515897
1901	REPAIR SHOP	1983 CHEV.	CAPRICE	366MDE	2G1AL6962D1224265

TRAINING / MARINE DIVISION  
ANNUAL REPORT FOR 1994  
SUBMITTED BY  
JAMES A. LANGENBACH, BATTALION CHIEF  
COMMANDANT OF TRAINING

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The Training Division is responsible for all phases of training in the Newark Fire Department. This Division also trains various other personnel from both city agencies as well as private industry. All training courses are based on National Fire Academy, National Fire Protection, International Fire Service Training Association standards as well as the Standard Operating Procedures of the Newark Fire Department. This training takes various forms from the daily scheduled company drills to the department wide training sessions. Another example is the driver certification program which is an on going instructional tool for both new and veteran apparatus drivers.

WEEKEND TRAINING

The Academy facilities, training tower, smokehouse, video tapes are available for use by companies on the weekends. used by various field units on the weekends. The facility is often used by the E.M.S. personnel on the weekends for extrication drills which also include Fire Department members.

SPECIALIZED TRAINING

Training in Haz-Mat, operations is performed at the Academy. It is also the responsibility of the Academy to schedule training away from the city as necessary. This training could include Haz-Mat, Extrication, Confined Space Rescue, or other training of a specialized nature.

DEMONSTRATIONS

The academy grounds are often used for demonstrations. These might include fire extinguisher, new fire fighting tools or procedures. These demonstrations are carried out for department personnel as well as civic and professional groups.

AUDIO-VISUAL PRODUCTIONS

The Academy has the capability to produce and duplicate video training programs for distribution to field companies. It is also in the planning to produce a training program for broadcast over the cable television station.

THE FIREBOATS RENAISSANCE AND JOHN F. KENNEDY

The Fireboat Renaissance is manned on a twenty four (24) hours a day. In the event of it's need to respond to an incident members are dispatched from a pre-selected Engine Company to augment manpower.

#### THE SAFETY COMMITTEE/ACCIDENT REVIEW BOARD

The Safety Committee meets at the Academy monthly. It's members include representatives from the labor unions, special services, motors, planning and research, and the Director's office. It's purpose is to investigate safety concerns brought up by the department members with the aim of preventing accidents.

The Accident Review Board also meets monthly. It's purpose is to investigate motor vehicle accidents involving department apparatus with the aim of avoiding future occurrences.

#### TRAINING RECORDS

Academy personnel are in the process of taking the records that were traditionally kept in file cabinets, and entering them in a new computer data base. This should make them more accessible and will make tracking of the level of training easier.

PLANNING AND RESEARCH DIVISION  
ANNUAL REPORT FOR THE YEAR 1994

The Planning and Research Division provided staff assistance to the Fire Director during 1994. Other city and outside agencies were assisted when help was requested.

Areas of activities included but were not limited to the following:

**Monitoring On-Duty Manpower**

Manpower projections and field overtime needs for the year are determined on the basis of personnel assigned, vacation scheduled, average sick leaves and emergencies. Field overtime is assigned by the Planning Division throughout the year, based on available funds, to insure adequate manpower.

Daily roll call records are maintained by compiling the "Exception" reports of manpower strength submitted by all field Battalion Chiefs. Data is entered on Department computers using a program developed by members of this Division. Graphic representations of personnel strength are developed monthly. During 1994 the average field "on duty" manpower strength averaged 110 Captains and Firefighters per tour. The average fire company responded to emergencies with a complement of 1 Officer (or Acting Officer) and 3 Firefighters during 1994.

**Personnel Assignments**

Fire Department personnel assignments, retirements, promotions and personal information are maintained by computer and are tracked. Monthly reports concerning budgeted positions and current vacancies are reviewed regularly with the Fire Director.

"Lump Sum" and "Terminal Leave" retirements are tracked to their conclusion. New fighters are hired based on these retirements. Twelve new Firefighters were hired during 1994.

All requests for transfer within the Fire Department are filed and lists maintained for possible assignments. This Division provides statistics to the Director / Fire Chief as to the most advantageous assignments of personnel.

Records concerning the Firefighter/Officer Deferred Vacation Bank were all verified, updated and entered on a computer application developed by this Division for simplified record keeping.

## Overtime Program

In 1994 this Division's Overtime program amounted to over \$500,000 and assigned, recorded and tracked 1086 field overtime assignments.

## Sick Leave and Injury Reporting System

Sick leave and injury reports are updated and filed daily. Sick and injured personnel are checked for progress. Members injured "on the job" are treated at the Universal Industrial Clinic, retained by the City of Newark for this purpose. Reports pertaining to sick and injury leaves are presented to the Fire Director on a regular basis. Members on sick or injury leave contact this Division to receive permission to see the Department Physician or to leave their homes when necessary.

Injury statistics are collected and used to compile the State of New Jersey Public Employees Occupational Safety and Health Program Log and Summary of Occupational Injuries and Illnesses which is submitted to the State of New Jersey Department of Labor. The New Jersey Department of Labor will be notified of any "severe" injuries during 1995.

In 1994, the Fire Department listed 156 line of duty injury and illness incidents requiring reporting to the New Jersey Department of Labor (PEOSH Report). One Firefighter died in the line of duty during 1994. Total full days lost time for the Fire Department due to line of duty injury and illness during 1994 was 681 days. This Division made 134 temporary, "light duty" assignments / reassignments to staff positions in 1994 for members who were recovering from injury or illness and were unable to perform full firefighting duty.

The Planning and Research Division continued to transmit Compensation Reports to the Newark Law Department and Personnel Department. The Planning and Research Division also works with the Law Department on interrogatories to assist them on compensation cases. This Division verifies claims for payment made to the City of Newark by agencies which treat Fire Department personnel injured while on duty.

Records concerning the sick and injury leaves of personnel are maintained. Applications for compensation for "line of duty" injuries and confirmation of compensation awards are recorded and files are maintained.

## **Personnel Records**

This Division-maintains records of:

- (a) Appointments
- (b) Retirements
- (c) Promotions
- (d) Demotions
- (e) Resignations

## **Contract Preparation**

In 1994 this Division facilitated the renewal of a contract to obtain the services for:

- 1) Physician [part time] to provide:
  - (a) sick leave meetings
  - (b) procedure meetings to discuss sick leave procedures new forms and other matters.
  - (c) substance abuse testing when ordered by the Fire Director [reports confidential: for Fire Director only]
- 2) Fire Boat repairs
- 3) Air tanks & mask facepieces
- 4) Fire apparatus
- 5) Fire boots
- 6) Station wear
- 7) Bunker gear

## **Operating Budget Preparation**

This Division, along with the business office, prepared the Department's 1994 annual budget which was over \$40,000,000.

## **Capital Budget Preparation and Monitoring**

This Division prepares and monitors the Department's annual Capital budget.

## **New Construction - Fire Facilities**

- (a) The new firehouse planned for Engine 10, Engine 12, Truck 5 and Battalion Chief 4 in the area of Clinton and Milford Avenues is currently in the design and site planning phase.

## **Fire Facility Rehabilitation Program**

This program schedules major reconstruction of Fire Department facilities as required. This Division coordinates and prioritizes the major repairs needed at Fire Department facilities. The General Services Department has been requested to upgrade various facilities as needed during 1995.

### **Apparatus Replacement program**

This program is designed to maintain all first line apparatus at an age of 10 years or less, and spare apparatus of 14 years or less. The program is maintained with the purchase of two pumpers and one Aerial Ladder Truck each year. One Pumper, one "Squirt" type Pumper, one Ladder Truck, five automobiles, a pick up truck and one van will be ordered from the Capital Budget in March 1995.

One 1250 gallon pumper, one "Squirt" type pumper, one ladder truck and one heavy rescue unit were received from suppliers and put into service during 1994.

### **Management Information System**

#### **Computer Aided Dispatch System (CAD)**

The installation of the Computer Aided Dispatch System (CAD) continued in 1994. The Fire Signal Operations Division has begun to install computers and modify the facilities at the Communications Room at City Hall in anticipation of CAD going "live".

#### **Computer Local Area Network**

A Local Area Network of computers was installed in Fire Headquarters during 1994. This Network will serve all Divisions operating at 1010 18th Avenue.

### **General Orders of the Department**

This Division maintains, reviews, and re-issues the Fire Department's General Orders, as directed by the Director / Fire Chief.

### **Special Assignments**

#### **Awards**

This Division provides information, as directed by the Director / Fire Chief, to organizations wishing to honor acts of courage and/or community service performed by members of the Fire Department.

### Survey

Survey information requested by outside agencies was provided by this Division when necessary.

### **Emergency Operation Center**

During 1994 the Fire and Police Planning Divisions worked together to develop and fund an Emergency Operation Center on the property of our Training Division at 33 Jersey Street. This project was successfully completed and funded for \$200,000.

### **OUTSIDE AGENCY ACTIVITY**

#### Essex County Jail

MASTER PLAN FOR JAIL  
FIRE DEPARTMENT INSPECTION PROGRAM

#### NJ Transit

NJT RAIL LINK PROJECT



COMMUNITY RELATIONS DIVISION  
ANNUAL REPORT FOR THE YEAR 1994  
SUBMITTED BY WILFRED QUIST, FIREFIGHTER

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The Community Relations Division as in the past operates a 24-hour, seven day a week fire victim relocation program. We assist fire victims in finding emergency shelter in cooperation with public and private charitable organizations such as the American Red Cross. This unit also responds to aid the public with non-fire related housing problems, such as no heat, no electricity; unsafe buildings, buildings with unsafe living conditions. The people who are helped by this Division are given temporary housing and when available are given clothing that has been collected from people who make donations to us through out the year. In the year 1994 there were 1,396 people relocated from 398 families at 136 fires, there were 17 families helped at non-fire special call incidents.

Community Relations Division makes a special effort to reach the school aged children. Every school in the Newark is offered to have a presentation or program in there school and any school who wishes we make an effort to have a "first line" firefighting apparatus respond to the school so the children can have Hands On and meet the firefighters.

The Community Relations Division also provides Fire Education Programs to the citizens of Newark. This year 1994 we delivered 375 public fire safety education programs. These programs reached every segment of the City's population. All presentations were made using lectures, videotapes, films, and slide-cassette programs. The number of people reached by this division is approximately 63,487.

We had worked with the Newark Pre School Program on three programs one in April, one in October, and one on going the whole year. The April program was held at the United Hospital and we worked with approximately 2,000 children and 450 adults. This year the October program was expanded to include the McDonald's Corp. and Ronald McDonald along with police and E.M.S. along with the Fire Department. The Newark Police sent mounted officers on horse back, the bicycle patrol, the scooter and motorcycle unit and the regular patrol division. E.M.S. sent there ambulance and there new 911 phone education program. All of these units were there so that the children were able to have a hands on experience with the emergency units they may come in contact with during there lifetime. The program was very well received by the children and their parents. At this program we had approximately 4,500 children and 750 adults in five days.

The program was Sesame Street, Big Bird fire safety program was a big hit with the children. Again this year Firefighter Ronald Ballew of Truck 7 coordinated the program with the Avon Avenue Boy's Club, Division of Youth and Family Services, Newark Preschool Council, International Youth Organization, the Newark Office of the Children, Newark Leaguers, and the South District task force of Division of Youth and Family Services.

The Community Relations Division worked with the Division of Fire Investigation and the Family Service Bureau of Newark we have identified sixty seven (67) children as juvenile firesetters and the Community Relations Division worked with D. Pannullo of the family service bureau in educating these children in the dangers of playing with fire. The number of children that have taken time to come to the program we hope to help these children. The program known as the Essex County Juvenile Fire Setters Intervention Program which is recognized by the Essex County Freeholders. This program works with the mental health and fire departments and we try to make the family and the child aware of what could happen if the problem is not addressed by all who are involved.

At this time the United Way fund drive is still underway and Community Relations Specialist Louise Jarrett and Community Relations Specialist Joseph Scrimmager have collected pledges in the amount of \$ 8,000.00 and they are about 3/4 finished and they are now making call backs to places that requested them to do so.

Again this year Community Relations Specialist Avis B. Thomas put together the Christmas party for the senior citizens and we were able to purchase 350 food baskets with the money that was collected on Mc Carter Highway by the paid firefighters and a group of volunteers who worked every weekend from 11/19/94 to 12/17/94. We purchased toys to give to the "Needy Children of Newark at the Mayor's party for the children at which we normally give 6,000 toys but this year the U.S. Marines did not see fit to give us the 5,000 toys we requested which in turn made the number of children that we were able to give toys to much lower than what we have done in the past.

The Community Relations Division also continued to deliver specialized fire safety training programs for the industrial and business community. The training was in the fire extinguisher use and fire drill performance.

We at the Community Relations Division would like to thank the Chief Officers, Captains, and the members of the Newark Fire Department for their help with our projects and the programs this year and we hope the relationship will continue in the coming year.

We would like at this time to thank the staff of Director/Fire Chief Kossup's office for their help in assigning the needed fire apparatus to the programs. We hope that the hours put into the programs will make the City of Newark a more fire safe place to live.

PHOTOGRAPHY DIVISION  
ANNUAL REPORT SUBMITTED BY  
LAWRENCE KRIEGER, FIREFIGHTER  
FOR THE YEAR 1994

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MEDIA LIAISON & PHOTOGRAPHIC UNIT

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The following report is herewith respectfully submitted outlining the activities of the Public Relations and Photography Division for the year 1994:

This Division has continued to keep the public informed of the various events which occurred throughout the year. As the media liaison, I respond to fires and other incidents as requested by the Fire Director, gathering information and disseminating it via radio, television and newspapers, in the form of releases, news announcements, bulletins, etc.

ASSIGNMENTS RESPONDED TO

Signal 100 (Arson or Suspected)	73
Signal 200 (Death at a fire, not actual count)	5
Multiple Alarms (2nd or greater)	26
Public Relations (Includes attending ceremonies, appointments, awards, promotionals, demonstrations)	11
Special Assignments (working in cooperation with other agencies, Law Department, Division of Fire Prevention and Life Safety, Demolition and Engineering Departments)	<u>22</u>
Total Assignments Worked	137

Darkroom Activities Included:

Total Negatives Processed and Developed	825
Total Prints Processed and Developed	1,050

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I wish to extend my sincere thanks to Director / Fire Chief Stanley J. Kossup and to all the officers and members of the Fire Department, for their cooperation and assistance they gave me throughout the past year.

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ANNUAL REPORT  
SUBMITTED BY THE  
CATHOLIC CHAPLAIN  
REV. MSGR. HORTON J. RAUGHT  
FOR THE YEAR 1994  
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The following is a report of my activities as Chaplain of the Newark Fire Department for the year 1994.

I responded to multiple alarms of fire when summoned. When necessary I accompanied injured firefighters to the hospital from the fire scene.

I visited the various hospitals in the area to attend members of the Fire Department who were ill or injured in the line of duty. Visits were made also to their families when I was notified of their illness.

Attended wakes for the deceased members of the Fire Department or members of their families. I participated at the funeral services for members of the Department both active and retired.

Participated in all swearing in ceremonies of new Fire Department personnel as well as promotional ceremonies.

I conducted the 71st Annual Memorial Service for the deceased members of the Newark Fire Department. The Annual Memorial Mass and Service was conducted at St. Patrick's Pro Cathedral Newark, New Jersey. Also participated in the Annual Spring Memorial Service at the Firefighters' Monument in the Mt. Pleasant Cemetery, Newark, New Jersey.

Attended all activities both social and civic pertaining to the Newark Fire Department as well as those sponsored by the Newark Officers Union and the Newark Firefighters Union; the Newark Fire Department Historical Society, the Bell and Siren Club and the Newark Fire Credit Union.

I wish to express my deep and sincere gratitude to Fire Director / Fire Chief Stanley J. Kossup and to all the Officers and members of the Newark Fire Department for the friendship, courtesy and cooperation they have shown me.

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THE BELL AND SIREN CLUB, INC.

ANNUAL REPORT  
FOR THE YEAR 1993

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The Bell and Siren Club, organized in 1949, is a non-profit, voluntary group, dependent upon membership dues, social functions and the contributions of the communities it serves, to finance its activities and acquire and maintain its equipment.

Membership is limited to 50 active members whose conduct must adhere to the official Club Code of Operations.

The Club serves free refreshments of coffee, fruit drink, tea, hot soup, etc. from a mobile canteen unit, "The Rig," to firefighters at the scene of a fire, inside the fire lines.

# NEWARK OFFICE OF EMERGENCY MANAGEMENT

ANNUAL REPORT FOR THE YEAR 1994

SUBMITTED BY

ROBERT D. SWALES

DEPUTY COORDINATOR

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The Newark Office of Emergency Management is a division within the Fire Department, headed by the Deputy Coordinator of Emergency Management.

## OBJECTIVES

The objectives of the Newark Office of Emergency Management are to respond to all major life and health threatening incidents (such as hazmat incidents) within the City of Newark, and to provide through that response the coordination of the efforts of all agencies and entities involved in responding to the incident, including public agencies from any level of government, private sector agencies, community and relief agencies and representatives of business and industry; to prepare for, respond to mitigate and recover from the effects of these incidents; to relieve Hazmat and Fire Companies from engagement in such incidents immediately after the response phase is completed; to maintain an equipped administrative office; to prepare and coordinate the preparation of detailed plans for survival actions under various conditions, ensuring the full participation of all agencies (public or private) that have a potential contribution; to make adequate plans for the management in an emergency, of resources in the city; to ensure implementation of the state plans for the continuity of government at all levels during emergencies; to coordinate the continual updating of all such plans and lists of personnel who would supplement various city departments in a crisis; and to provide coordination with the military establishments, reserve or regular, within the geographical boundaries of the city, for their assistance, if needed; to coordinate the Local Emergency Planning Committee (LEPC) as mandated by SARA; to provide an avenue of public access to information as mandated by SARA; to ensure industry compliance to SARA legislation; to maintain files and records of SARA reporting facilities; to take the necessary actions, in conjunction with other city agencies, that lead to the apprehension and prosecution of illegal dumpers and others responsible for endangering the welfare of the people of Newark through noncompliance or faulty compliance with chemical industry, transportation or handling regulations in the City of Newark through the exercise of surveillance, inspection or other means of detection; to provide, through the EOC, an Emergency Operating Facility capable of housing representatives of city government and city agencies for the purpose of providing command and control during an extended period of emergency; to provide the citizens

sufficient fallout shelters (either community or private), properly stocked and protected; and to meet Federal Emergency Management requirements for a co-funded municipal emergency management agency and the compliance requirements originating from the New Jersey State Police Office of Emergency Management and the Essex County of Emergency Management which include the provision of emergency management training and participation in the state-wide and county-wide drills and exercises; and to provide personnel from the various agencies of the City of Newark with the opportunity to participate in emergency management training courses.

#### Field Response

The Newark Office of Emergency Management is specifically charged with the responsibility of responding to all hazardous materials incidents and multiple alarm fires. In the case of hazmat incidents, the OEM is not only a first-response agency, it is also the coordinating authority for cooperative action between city agencies and county, state and federal agencies such as the NJDEPE (New Jersey Department of Environmental Protection and Energy), the EPA (Environmental Protection Agency), the Essex County OEM (Office of Emergency Management), the NJOEM (New Jersey Office of Emergency Management Division of the New Jersey State Police) and any private sector companies such as contractors and industry officials that may be involved.

In this role the OEM negotiates on behalf of the City to reduce clean-up costs, remain on site to secure such agreements and ensure that proper recovery procedures are instituted, and generally follows up each incident to its conclusion, that is through clean-up and through the maze of litigations that are spawned by these incidents, sometimes lasting for years after the occurrences, always continuing long after the other response agencies have taken up, and it is due to this function of the OEM that Hazmat and Fire Companies are able to terminate their involvement in the incident at the logical transition between the response and recovery phases. In this context, the OEM works closely with a number of city departments such as the Fire Department, the Department of Engineering, the Law Department, and the Newark Police. In the past year, the Newark Office of Emergency Management has developed a close working relationship with the State Attorney General's Office, Department of Criminal Justice.

The Newark Office of Emergency Management responded to 425 calls relating to reports of hazardous materials incidents or related problems in 1994. The nature of these responses include on-site investigation of incidents, coordination of efforts with the Department of Environmental Protection, the Hazmat unit and other units of the Newark Fire Department, the Environmental Protection Agency, the Newark Department of Engineering and the Department of Criminal Justice to evaluate the actions leading to the apprehension of responsible parties. The OEM maintains an interest in each incident from discovery through clean-up, to ensure that the situation is corrected.



The primary function of the OEM in three alarm fires is to provide for the opening and operation of contingency shelters for large numbers of people when this becomes necessary. The OEM works as a coordinating agency in contact with the Essex County Chapter of the American Red Cross and the Superintendent of Schools as well as other social service agencies to ensure the provision of this shelter.

The OEM is also the agency that responds to reports of illegal dumping in the City, and as such performs surveillance, assists in apprehension, and provides testimony in court in order to ensure the prosecution of illegal dumpers. In this context, the OEM works in conjunction with the Law Department, the Prosecutor's Office, the Newark Police, and the Criminal Justice Department of the State Attorney General's Office.

#### Building Inspections

In 1994 the Newark Office of Emergency Management participated with the Hazardous Materials Office of the Newark Fire Department in 52 building inspections.

#### THE LOCAL EMERGENCY PLANNING COMMITTEE (LEPC)

Since the OEM is mandated by federal and state law to coordinate the implementation of Title III (SARA) legislation in conjunction with the Newark Departments of Fire, Engineering, Police, Health and other agencies. The OEM is currently working with private industry and with city agencies to meet the requirements of this legislation within the specified time frame. The Lepc was organized according to the participation formula specified in Title III and several meetings have been held.

#### REVISION OF THE EMERGENCY OPERATING PLAN (EOP)

In 1989, The Emergency Operating Plan for the City of Newark was completed and received approval from the New Jersey State Police, Emergency Management Division. The Emergency Operating Plan is maintained and updated on a continual basis by the Office of Emergency Management, and a completely revised plan is submitted to the State every two years. The Newark Office of Emergency Management is now in the process of coordinating the first major revision of the Emergency Operating Plan in cooperation with all of the various city agencies who have an active role in emergency management.

## Training

Mr. Swales and Mr. Penn attend on going training sessions held on county, state and federal levels.

Emergency Management staff have also attended training sessions on other subjects such as Shelter Management and word processing/data entry.

Radiological equipment inventory and training are handled by the HAZMAT unit of the Newark Fire Department. All members of the HAZMAT unit have received radiological training from the State Radiological Officer. This training program was also given to other city personnel from OEM, Engineering and Health. On 3/30/94 two White Kits (Ludlums) were exchanged with the state and two newly calibrated kits were received, on 12/15/94.

Local Meetings involving Department Heads and volunteer agencies are held on a regular basis for the purpose of producing the Emergency Operating Plan and for the overall purpose of reviewing assigned responsibilities for emergency situations. Such meetings are held at the Fire Department's Training Center.

The Deputy Coordinator or his designee has attended all County municipal coordinators meetings for the period between 1/1/94 and 12/31/94.